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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/808,894	03/15/2001	Kazuhiro Yamaguchi	450100-03068	5274

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EXAMINER
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DANG, KHANH NMN

ART UNIT	PAPER NUMBER
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2181  
DATE MAILED: 08/13/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)
	09/808,894	YAMAGUCHI ET AL. 
Examiner	Art Unit	
Khanh Dang	2181	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) Responsive to communication(s) filed on \_\_\_\_\_.
- 2a) This action is **FINAL**.      2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) Claim(s) 1-20 is/are pending in the application.
  - 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-20 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

- 11) The proposed drawing correction filed on \_\_\_\_\_ is: a) approved b) disapproved by the Examiner.

If approved, corrected drawings are required in reply to this Office action.

- 12) The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) All b) Some \* c) None of:
    - 1) Certified copies of the priority documents have been received.
    - 2) Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    - 3) Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.
- 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
  - a) The translation of the foreign language provisional application has been received.
- 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____	6) <input type="checkbox"/> Other: _____

## **DETAILED ACTION**

### ***Drawings***

In Figs. 1 and 4, description must be provided for the blocks. A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

### ***Claim Rejections - 35 USC § 112***

Claims 1-20 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 1-4 are directed to a “broadcasting receiver.” However, the essential structural cooperative relationships between elements in the claims have been omitted, such omission amounting to a gap between the necessary structural connections. See MPEP § 2172.01.

Claims 5-20 are directed to an “electronic apparatus.” However, the essential structural cooperative relationships between elements in the claims have been omitted, such omission amounting to a gap between the necessary structural connections. See MPEP § 2172.01.

Also, in claims 5 and 13, the use of terms such as “first signal,” “second signal,” and “third signal” is confusing. For example, the term “second signal” is used in the claims to indicate both standby and normal states of a so-called “main unit.”

Also, in claims 7, 8, 11, 12, it is not ascertained what may be the structure, structural relationships and nature of a so-called "a plurality of functional blocks."

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-20 are rejected under 35 U.S.C. 102(b) as being anticipated by Skarda et al.

At the outset, it is noted that similar claims will be grouped together to avoid repetition in explanation.

As broadly drafted, these claims do not define any structure that differs from Skarda et al. With regard to claims 1 and 2, Skarda et al. discloses a broadcasting receiver having a standby state and a normal state of power supply, comprising: a slot (PCMCIA GPS Card slot for receiving a peripheral device such as a GPS having an antenna, for example) for inserting a storage medium on which subscription information for receiving a broadcast is recorded (any commercial GPS always includes a storage medium on which subscription info for receiving a GPS broadcast is recorded); a detecting means (sensing means in Skarda et al.) for detecting presence or absence of said storage medium inserted in said slot; and a control means (power conversion means in Skarda et al.) for controlling power supply to a part of a circuit of the

broadcasting receiver; wherein when the broadcasting receiver is in said standby state and the power conversion means of Skarda et al. does not detect insertion of said storage medium, the power conversion means stops power supply to the part of the circuit of the broadcasting receiver and resumes power supply to the part of the circuit of the broadcasting receiver when the broadcasting receiver is in the normal state and the detecting means (sensing means in Skarda et al.) detects insertion of the storage medium. With regard to claims 3 and 4, see above and note that the "switching means" of Skarda et al. is readable as a so-called "selecting means." With regard to claims 5-13, as best the Examiner can ascertain, the computer/electronic device in Skarda et al. is readable as a so-called "main unit" and the PCMCIA having a slot for receiving a GPS, for example, is readable as a so-called "sub-unit." See also explanation regarding claims 1-4 above. With regard to claims 14, it is clear that the user info is supplied when the GPS connector is inserted into the slot provided by the PCMCIA. With regard to claims 15 and 16, it is clear that it is inherent that user info supplied when the GPS connector is inserted into the slot provided by the PCMCIA is processed by a user info processing circuit. With regard to claims 17 and 18, the PCMCIA with a GPS connected thereto receives and process signals when supplied with a predetermined supplied voltage. With regard to claims 19 and 20, see explanation regarding claims 14-18.

U.S. Patent Nos. 6,584,331 to Ranta, 4,577,315 to Otsuka, and 6,249,863 to Redford et al. are cited as relevant art.

Any inquiry concerning this communication should be directed to Khanh Dang at telephone number 703-308-0211.



Khanh Dang  
Primary Examiner